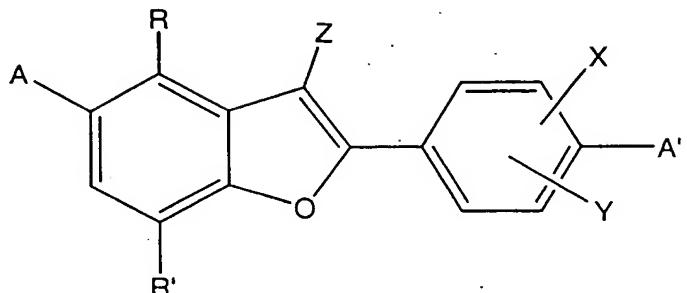


ABSTRACT

This invention provides estrogen receptor modulators of formula I, having the structure



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wherein

R, R', A, A', X, Y, and Z are as defined in the specification, or a pharmaceutically acceptable salt thereof.

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